



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090626

Mode: Highway

Status: Submitted

SR-1704 (Fourteenth Street)

From/Cross Street: Red Banks Road

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1708 (Firetower Road)

Project Category: Division Needs

Length: 1.11

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$12,035,000

Description:

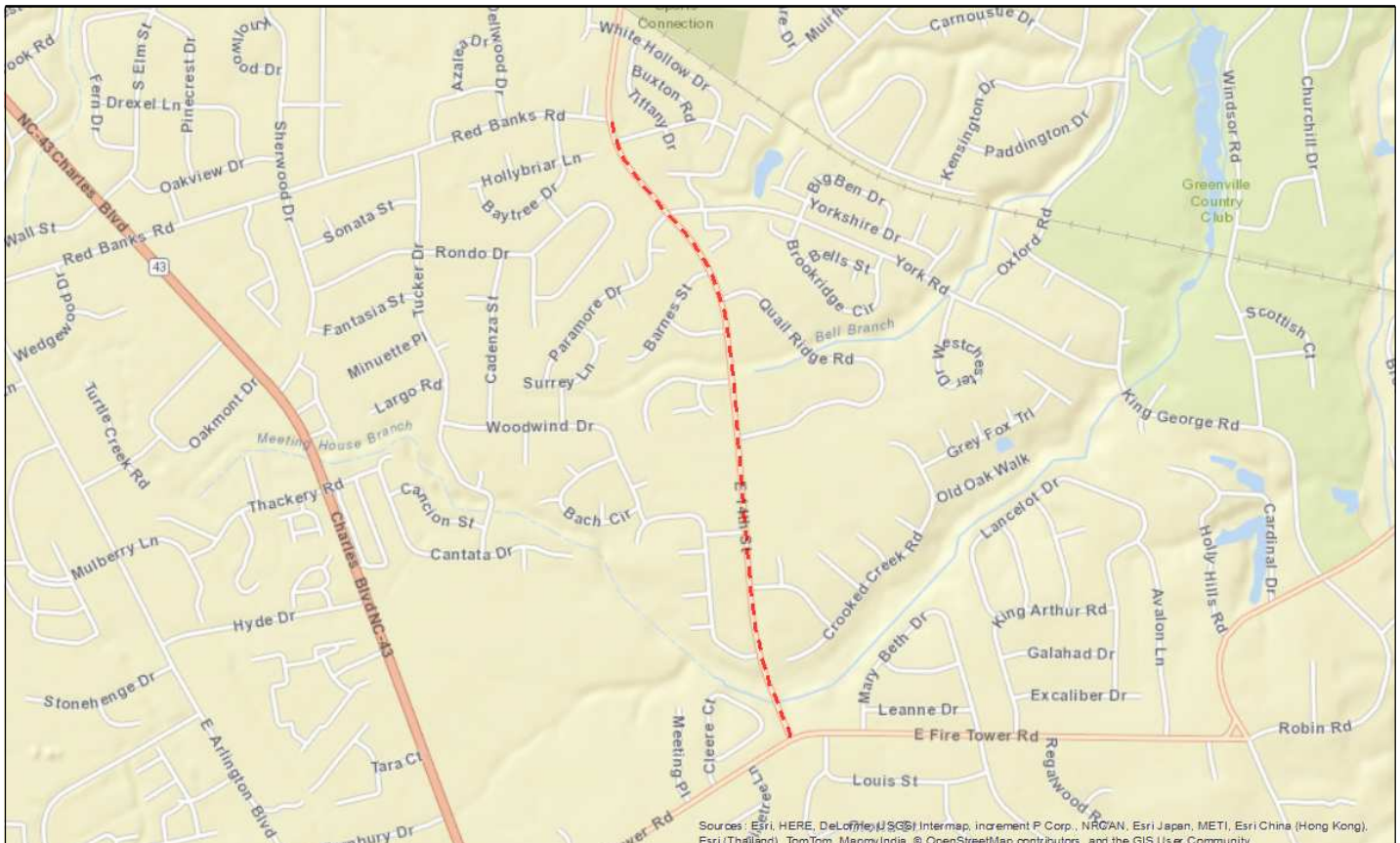
Widen Existing 2-Lane Roadway to a Multi-Lane Urban Section Facility with intersection Improvements from Red Banks Road to Firetower Road (SR 1708)

Division(s): Division 2

County(s): PITT

MPOS(s)/RPO(s): Greenville Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 72.7

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 45.85 Safety (20%) 67.66 Multimodal + [Freight & Military] (10%) 0.00	Percent: 25% Points: 100	Percent: 25% Points: 100
Totals: Weight: 50% Weighted Score: 22.7		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.11
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	12792.67
Capacity:	18845.62
Volume/Capacity Ratio:	0.68
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	96.47
Crash Severity:	36.6
Critical Crash Rate:	69.93
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	18
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	80
Actual Congested Speed:	32.81
Travel Time Index:	1.07

Project Benefits

Project Cross-Section:	4D - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	1.11
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	686924.67
Travel Time Savings for 30 Years (Autos):	686924.67
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 2	100%	0	100
	0%	0	0
	0%	0	0
TOTAL Division Points		0	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greenville Urban Area MPO	100%	0	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	100

Project Cost and Source

Construction Cost:	\$8,322,000	TIP Unit
Right-of-Way Cost:	\$3,315,000	Cost Estimation Tool
Utilities Cost:	\$398,000	Cost Estimation Tool
Total Project Cost:	\$12,035,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$12,035,000	